

RAW SEQUENCE LISTING

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Application Serial Number: 09/930,559C
Source: IFW16
Date Processed by STIC: 08/17/2006

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IFW16

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DATE: 08/17/2006

PATENT APPLICATION: US/09/930,559C

TIME: 10:41:17

Input Set : E:\ARCD351.APP.txt

Output Set: N:\CRF4\08172006\I930559C.raw

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3 <110> APPLICANT: DAWSON, GLYN
4      SEUNGUEN, JULIA CHO
6 <120> TITLE OF INVENTION: COMPOUNDS THAT ENHANCE TUMOR DEATH
8 <130> FILE REFERENCE: ARCD:351US
10 <140> CURRENT APPLICATION NUMBER: 09/930,559C
11 <141> CURRENT FILING DATE: 2001-08-15
13 <150> PRIOR APPLICATION NUMBER: 60/225,526
14 <151> PRIOR FILING DATE: 2000-08-15
16 <160> NUMBER OF SEQ ID NOS: 20
18 <170> SOFTWARE: PatentIn Ver. 2.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 2279
22 <212> TYPE: DNA
23 <213> ORGANISM: Homo sapien
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27 atggacctgc gcttctcggg cgctgcagca tctggaccgc ccggcgccgc tgccgttggt 120
28 gatctggcat gggatgggag acagctgttg caatccctta agcatgggtg ctattaaaaa 180
29 aatggtggag aagaaaatac ctggaattta cgtcttatct ttagagattg ggaagaccct 240
30 gatggaggac gtggagaaca gcttcttctt gaatgtcaat tcccaagtaa caacagtgtg 300
31 tcaggcactt gctaaggatc ctaaaattgca gcaaggctac aatgctatgg gattctccca 360
32 gggaggccaa tttctgaggg cagtggctca gagatgccct tcacctccca tgatcaatct 420
33 gatctcgggt gggggacaac atcaagggtg ttttggaact cctcgatgcc caggagagag 480
34 ctctcacatc tgtgacttca tccgaaaaac actgaatgct ggggcgtact ccaaagttgt 540
35 tcaggaaacg ctcgtgcaag ccgaatactg gcatgacccc ataaaggagg atgtgtatcg 600
36 caaccacagc atcttcttgg cagatataaa tcaggagcgg ggtatcaatg agtcctacaa 660
37 gaaaaacctg atggccctga agaagtttgt gatggtgaaa ttcctcaatg attccattgt 720
38 ggaccctgta gattcggagt ggtttgatt ttacagaagt ggccaagcca aggaaaccca 780
39 tcccttacag gagacctccc tgtacacaca ggaccgcctg gggctaaagg aaatggacaa 840
40 tgcaggacag ctagtgtttc tggctacaga aggggaccca cttcagttgt ctgaagaatg 900
41 gttttatgcc cacatcatac cattccttgg atgaaacccg tatagtccac aatagagctc 960
42 agggagcccc taactcttcc aaaccacatg ggagacagtt tccttcatgc ccaagcctga 1020
43 gctcagatcc agcttgcaac taatccttct atcatctaac atgcactact tggaaagatc 1080
44 taagatctga atcttatcct ttgccatctt ctgttaccat atggtgttga atgcaagttt 1140
45 aattaccatg gagattgttt tacaaacttt tgatgtgggc aagttcagtt ttagaaaagg 1200
46 gagtctgttc cagatcaggg ccagaactgt gccagggccc aaaggagaca actaactaaa 1260
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48 aggtgccag gcctgaggta ctacataaaa tgctttgttt tgctgggtgat ttaaccagtg 1380
49 cttggaaaaa tcttgcttgg ctatttctgc atcatctctt aaggctgcct tcctctctga 1440
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51 cctacagtct tgcttctgca gcaccactt tgtctcctca ggtagtgatg aattagttgc 1560
52 tgtcacaaaa ggagggaggt agcaccacaa tttaattgct taagagagga aatgtacatc 1620
53 ttgtataact tagggagcga agaaaatgta ggcgcgaaag tgaaaagtga ggcagctagt 1680

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54 tcttcctatt ccattctcga ccaacctgcc ctttcttaat atgactagtgt gtcttgatgc 1740
55 tagagtcaac ttactctgtt gctggcttta gcagagaata ggaggaacca tatgaaaaag 1800
56 atcaggcttt ctgacttcca tccccaaaac acatttacca gcatactcca aactgtttct 1860
57 gatgtgttcc atgagaaaaag gattgtttgc tcaaaaagct tggaaaatac tacacactcc 1920
58 ctttctcctt ctggagatca acccacatta gagtgtctaa ggactcctga gaattcctgt 1980
59 tacagttaaac aaaactaacg taatctacca tttcctacac tatttgagca tggaaatcat 2040
60 agtccccact ctatgaaaaa ttaacgcttt ttggaagaca tttctgtagc atgtcagttt 2100
61 ggagaaatga tgagctacgc cttgatgaaa gaaccgtgtt ggtgctgcta agtttagcca 2160
62 ttatggtttt tcctttctct ctcttaagcc ttattcttca actaaaagat gaggattaag 2220
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67 <211> LENGTH: 306
68 <212> TYPE: PRT
69 <213> ORGANISM: Homo sapien
71 <400> SEQUENCE: 2
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73 1 5 10 15
75 Trp Thr Cys Ala Ser Arg Ala Leu Gln His Leu Asp Pro Pro Ala Pro
76 20 25 30
78 Leu Pro Leu Val Ile Trp His Gly Met Gly Asp Ser Cys Cys Asn Pro
79 35 40 45
81 Leu Ser Met Gly Ala Ile Lys Lys Met Val Glu Lys Lys Ile Pro Gly
82 50 55 60
84 Ile Tyr Val Leu Ser Leu Glu Ile Gly Lys Thr Leu Met Glu Asp Val
85 65 70 75 80
87 Glu Asn Ser Phe Phe Leu Asn Val Asn Ser Gln Val Thr Thr Val Cys
88 85 90 95
90 Gln Ala Leu Ala Lys Asp Pro Lys Leu Gln Gln Gly Tyr Asn Ala Met
91 100 105 110
93 Gly Phe Ser Gln Gly Gly Gln Phe Leu Arg Ala Val Ala Gln Arg Cys
94 115 120 125
96 Pro Ser Pro Pro Met Ile Asn Leu Ile Ser Val Gly Gly Gln His Gln
97 130 135 140
99 Gly Val Phe Gly Leu Pro Arg Cys Pro Gly Glu Ser Ser His Ile Cys
100 145 150 155 160
102 Asp Phe Ile Arg Lys Thr Leu Asn Ala Gly Ala Tyr Ser Lys Val Val
103 165 170 175
105 Gln Glu Arg Leu Val Gln Ala Glu Tyr Trp His Asp Pro Ile Lys Glu
106 180 185 190
108 Asp Val Tyr Arg Asn His Ser Ile Phe Leu Ala Asp Ile Asn Gln Glu
109 195 200 205
111 Arg Gly Ile Asn Glu Ser Tyr Lys Lys Asn Leu Met Ala Leu Lys Lys
112 210 215 220
114 Phe Val Met Val Lys Phe Leu Asn Asp Ser Ile Val Asp Pro Val Asp
115 225 230 235 240
117 Ser Glu Trp Phe Gly Phe Tyr Arg Ser Gly Gln Ala Lys Glu Thr Ile
118 245 250 255
120 Pro Leu Gln Glu Thr Ser Leu Tyr Thr Gln Asp Arg Leu Gly Leu Lys
121 260 265 270

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123 Glu Met Asp Asn Ala Gly Gln Leu Val Phe Leu Ala Thr Glu Gly Asp
124           275                      280                      285
126 His Leu Gln Leu Ser Glu Glu Trp Phe Tyr Ala His Ile Ile Pro Phe
127       290                      295                      300
129 Leu Gly
130 305
133 <210> SEQ ID NO: 3
134 <211> LENGTH: 7
135 <212> TYPE: PRT
136 <213> ORGANISM: Homo sapien
138 <400> SEQUENCE: 3
139 Gly Cys Val Lys Ile Lys Lys
140   1           5
143 <210> SEQ ID NO: 4
144 <211> LENGTH: 8
145 <212> TYPE: PRT
146 <213> ORGANISM: Homo sapien
148 <400> SEQUENCE: 4
149 Ile Arg Tyr Cys Trp Leu Arg Arg
150   1           5
153 <210> SEQ ID NO: 5
154 <211> LENGTH: 9
155 <212> TYPE: PRT
156 <213> ORGANISM: Homo sapien
158 <400> SEQUENCE: 5
159 Val Thr Thr Leu Cys Cys Gly Lys Asn
160   1           5
163 <210> SEQ ID NO: 6
164 <211> LENGTH: 7
165 <212> TYPE: PRT
166 <213> ORGANISM: Homo sapien
168 <400> SEQUENCE: 6
169 Met Leu Cys Cys Met Arg Arg
170   1           5
173 <210> SEQ ID NO: 7
174 <211> LENGTH: 8
175 <212> TYPE: PRT
176 <213> ORGANISM: Homo sapien
178 <400> SEQUENCE: 7
179 Met Gly Cys Leu Gly Asn Ser Lys
180   1           5
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184 <211> LENGTH: 10
185 <212> TYPE: PRT
186 <213> ORGANISM: Homo sapien
188 <400> SEQUENCE: 8
189 Gly Cys Met Ser Cys Lys Cys Val Leu Ser
190   1           5                      10
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194 <211> LENGTH: 35
195 <212> TYPE: DNA
196 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:
199 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
200     Primer
202 <400> SEQUENCE: 9
203 tctaggtacc aagatggcgt cgcccggtg cctgt 35
206 <210> SEQ ID NO: 10
207 <211> LENGTH: 38
208 <212> TYPE: DNA
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
213     Primer
215 <400> SEQUENCE: 10
216 acggtctaga tcatccaagg aatggtatga tgtgggca 38
219 <210> SEQ ID NO: 11
220 <211> LENGTH: 5
221 <212> TYPE: PRT
222 <213> ORGANISM: Artificial Sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
226     Peptide
228 <400> SEQUENCE: 11
229 Val Lys Ile Lys Lys
230 1 5
233 <210> SEQ ID NO: 12
234 <211> LENGTH: 5
235 <212> TYPE: PRT
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
240     Peptide
242 <400> SEQUENCE: 12
243 Tyr Cys Trp Leu Arg
244 1 5
247 <210> SEQ ID NO: 13
248 <211> LENGTH: 7
249 <212> TYPE: PRT
250 <213> ORGANISM: Artificial Sequence
252 <220> FEATURE:
253 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
254     Peptide
256 <400> SEQUENCE: 13
257 Met Gly Cys Val Gln Cys Lys
258 1 5
261 <210> SEQ ID NO: 14
262 <211> LENGTH: 7

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263 <212> TYPE: PRT
264 <213> ORGANISM: Artificial Sequence
266 <220> FEATURE:
267 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
268     Peptide
270 <400> SEQUENCE: 14
271 Met Gly Cys Val Cys Ser Ser
272   1       5
275 <210> SEQ ID NO: 15
276 <211> LENGTH: 6
277 <212> TYPE: PRT
278 <213> ORGANISM: Artificial Sequence
280 <220> FEATURE:
281 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
282     Peptide
284 <400> SEQUENCE: 15
285 Met Gly Cys Ile Lys Ser
286   1       5
289 <210> SEQ ID NO: 16
290 <211> LENGTH: 6
291 <212> TYPE: PRT
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
296     Peptide
298 <400> SEQUENCE: 16
299 Met Gly Ser Ser Lys Ser
300   1       5
303 <210> SEQ ID NO: 17
304 <211> LENGTH: 14
305 <212> TYPE: PRT
306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:
309 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
310     Peptide
312 <400> SEQUENCE: 17
313 Lys Leu Ala Lys Leu Ala Lys Lys Leu Ala Lys Leu Ala Lys
314   1       5           10
317 <210> SEQ ID NO: 18
318 <211> LENGTH: 4
319 <212> TYPE: PRT
320 <213> ORGANISM: Artificial Sequence
322 <220> FEATURE:
323 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
324     Peptide
326 <400> SEQUENCE: 18
327 Leu Ala Leu Ala
328   1
331 <210> SEQ ID NO: 19

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VERIFICATION SUMMARY

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